

Electronic Version v18
Stylesheet Version v18.0

Title of Invention

SEMICONDUCTOR PACKAGE WITH CHAMFERED CORNERS AND METHOD OF MANUFACTURING THE SAME

Application Number:

10/706468

Confirmation Number:

6744

First Named Applicant: Sung Yang

Attorney Docket Number: AMKOR095A

Art Unit:

2811

Search string:

(5640047 or 5639990 or 5641997 or 5644169 or 5643433 or 5646831 or 5650663 or 5661088 or 5665996 or 5673479 or 5683806 or 5689135 or 5696666 or 5701034 or 5703407 or 5710064 or 5724233 or 5723899 or 5736432 or 5745984 or 5753977 or 5753532 or 5766972 or 5770888 or 5776798 or 5783861 or 5801440 or 5814884 or 5814883 or 5814881 or 5814877 or 5818105 or 5817540 or 5821615 or 5821457 or 5835988 or 5834830 or 5844306 or 5856911 or 5859471 or 5866939 or 5871782 or 5874784 or 5877043 or 5886398 or 5886397 or 5894108 or 5897339

or 5900676 or 5903050).pn.

US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
W	. 1	5640047	1997-06-17	NAKASHIMA			
	2	5639990	1997-06-17	NISHIHARA ET AL.			
	3	5641997	1997-06-24	OHTA ET AL.			
	4	5644169	1997-07-01	CHUN			
	5	5643433	1997-07-01	FUKASE ET AL.			
	6	5646831	1997-07-08	MANTEGHI	;		
	7	5650663	1997-07-22	PARTHASARANTHI			
	8	5661088	1997-08-26	TESSIER ET AL.			



Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

SEMICONDUCTOR PACKAGE WITH CHAMFERED CORNERS AND METHOD OF MANUFACTURING THE SAME

Application Number:

10/706468

Confirmation Number:

6744

First Named Applicant:

Sung Yang

Attorney Docket Number: AMKOR095A

Art Unit:

2811

Search string:

(6388336 or 6395578 or 6400004 or 6410979 or 6414385 or 6420779 or 6429508 or 6437429 or 6444499 or 6448633 or 6452279 or 6464121 or 6476474 or 6476469 or 6482680 or 6498392 or 6498099 or 6507120 or 6507096 or 6534849

or 6545345 or 6559525 or 6566168).pn.

US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
0	1	6388336	2002-05-14	VENKATESHWARAN ET AL.		-	
V	2	6395578	2002-05-28	SHIN ET AL.			
	3	6400004	2002-06-04	FAN ET AL.			
V	4	6410979	2002-06-25	ABE			
V	5	6414385	2002-07-02	HUANG ET AL.			
\square	6	6420779	2002-07-16	SHARMA ET AL.			
V	7 .	6429508	2002-08-06	GANG			
07	8	6437429	2002-08-20	SU ET AL.			
M	9	6444499	2002-09-03	SWISS ET AL.			
W	10	6448633	2002-09-10	YEE ET AL.			
W	11	6452279	2002-09-17	. SHIMODA			
W	12	6464121	2002-10-15	REIJNDERS			
\square	13	6476474	2002-11-05	HUNG			
	2_14	6476469	2002-11-05	HUNG ET AL.			•

HAR 12 2004

6482680	2002-11-19	KHOR ET AL.
6498392	2002-12-24	AZUMA
6498099	2002-12-24	MCLELLAN ET AL.
6507120	2003-01-14	LO ET AL.
6507096	2003-01-14	GANG
6534849	2003-03-18	GANG
6545345	2003-04-08	GLENN ET AL.
6559525	2003-05-06	HUANG
6566168	2003-05-20	GANG
	6498392 6498099 6507120 6507096 6534849 6545345 6559525	6498392 2002-12-24 6498099 2002-12-24 6507120 2003-01-14 6507096 2003-01-14 6534849 2003-03-18 6545345 2003-04-08 6559525 2003-05-06

Examiner Name	Date
Vikha James	76/06



Electronic Version v18
Stylesheet Version v18.0

Title of Invention

SEMICONDUCTOR PACKAGE WITH CHAMFERED CORNERS AND METHOD FOR MANUFACTURING THE SAME

Application Number:

10/706468

Confirmation Number:

6744

First Named Applicant: Sung Yang
Attorney Docket Number: AMKOR095A

Art Unit:

2811

Search string:

(6194777 or 6198171 or 6197615 or 6201292 or 6201186 or 6204554 or 6208023 or 6208021 or 6208020 or 6211462 or 6218731 or 6222258 or 6225146 or 6229205 or 6229200 or 6239384 or 6239367 or 6242281 or 6256200 or 6258629 or 6282095 or 6281568 or 6281566 or 6285075 or 6291273 or 6291271 or 6294830 or 6294100 or 6297548 or 6295977 or 6303997 or 6303984 or 6307272 or 6309909 or 6316838 or 6316822 or 6323550 or 6326678 or 6326244 or 6326243 or 6335564 or 6337510 or 6339255 or 6348726 or 6355502 or 6369454 or 6369447 or 6373127 or 6380048 or 6384472).pn.

US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
図	1	6194777	2001-02-27	ABBOTT ET AL			
V	2	6198171	2001-03-06	HUANG ET AL			
	3	6197615	2001-03-06	SONG ET AL			
	4	6201292	2001-03-13	YAGI ET AL			•
	5	6201186	2001-03-13	DANIELS ET AL			
	6	6204554	2001-03-20	· EWER ET AL			•
	7	6208023	2001-03-27	NAKAYAMA ET AL			\
$\overline{\Omega}$	8	6208021	2001-03-27	OHUCHI ET AL			

RE	JOY
	700
HAR	
PA	ENT & T

数		9	6208020	2001-03-27	MINAMIO
		10	6211462	2001-04-03	CARTER, JR. ET AL
		11	6218731	2001-04-17	HUANG ET AL.
		12	6222258	2001-04-24	· ASANO ET AL
		13	6225146	2001-05-01	YAMAGUCHI ET AL
		14	6229205	2001-05-08	JEONG ET AL
		15	6229200	2001-05-08	MCLELLAN ET AL
		16	6239384	2001-05-29	SMITH ET AL
		17	6239367	2001-05-29	HSUAN ET AL.
		18	6242281	2001-06-05	MCLELLAN ET AL
	$ brack egin{array}{c} \egin{array}{c} \egin{array}{c} \egin{array}{c} \egin{array}{c} \egin{array}{c} \egin$	19	6256200	2001-07-03	LAM ET AL
		20	6258629	2001-07-10	NIONES ET AL
		21	6282095	2001-08-28	HOUGHTON ET AL.
		22	6281568	2001-08-28	GLENN ET AL.
		23	6281566	2001-08-28	MAGNI
		24	6285075	2001-09-04	COMBS ET AL.
		25	6291273	2001-09-18	MIYAKİ ET AL.
		26	6291271	2001-09-18	LEE ET AL.
		27	6294830	2001-09-25	FJELSTAD
		28	6294100	2001-09-25	FAN ET AL.
		29	6297548	2001-10-02	MODEN ET AL.
Ц		30	6295977	2001-10-02	RIPPER ET AL.
		31	6303997	2001-10-16	LEE
		32	6303984	2001-10-16	CORISIS
Ш		33	6307272	2001-10-23	TAKAHASHI ET AL.
Ц		34	6309909	2001-10-30	OHGIYAMA
		35	6316838	2001-11-13	OZAWA ET AL.
		36	6316822	2001-11-13	VENKATESHWARAN ET AL.
		37	6323550	2001-11-27	MARTIN ET AL.
		38	6326678	2001-12-04	KARMEZOS ET AL.
Ц		39	6326244	2001-12-04	BROOKS ET AL.
		40	6326243	2001-12-04	SUZUYA ET AL.
Ц		41	6335564	2002-01-01	POUR
Щ		42	6337510	2002-01-08	CHUN-JEN ET AL.
Ц	لِ	43	6339255	2002-01-15	SHIN
M	1	44	6348726	2002-02-19	BAYAN ET AL.
"					

QE JO	
O 700	O H
HAR	25
CATENT & THE	

枢	45	6355502	2002-03-12	KANG ET AL.
W	46	6369454	2002-04-09	CHUNG
Dy.	47	6369447	2002-04-09	MORI
24	48	6373127	2002-04-16	BAUDOUIN ET AL.
四	. 49	6380048	2002-04-30	BOON ET AL.
	/ 50	6384472	2002-05-07	HUANG

Examiner Name	Date		
Villa Truck	7/6/4		



Electronic Version v18
Stylesheet Version v18.0

Title of Invention

SEMICONDUCTOR PACKAGE WITH CHAMFERED CORNERS AND METHOD OF MANUFACTURING THE SAME

Application Number:

10/706468

Confirmation Number:

6744

First Named Applicant: Sung Yang

Attorney Docket Number: AMKOR095A

Art Unit:

2811

Search string:

(5903049 or 5909053 or 5917242 or 5915998 or 5939779 or 5942794 or 5951305 or 5959356 or 5969426 or 5973388 or 5977630 or 5977615 or 5977613 or 5976912 or 5981314 or 5986885 or 5986333 or 6001671 or 6013947 or 6018189 or 6020625 or 6025640 or 6031279 or 6034423 or RE36613 or 6040626 or 6043430 or 6060769 or 6060768 or 6072228 or 6075284 or 6081029 or 6084310 or 6087722 or 6087715 or 6100594 or 6113474 or 6118184 or 6118174 or RE36907 or 6130473 or 6130115 or 6133623 or 6140154 or 6143981 or 6169329 or 6177718 or 6181002 or 6184573 or 6184465).pn.

US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
W	- 1	5903049	1999-05-11	MORI			
W	- 2	5909053	1999-06-01	FUKASE ET AL.			
V	3	5917242	1999-06-29	BALL			
3	4	5915998	1999-06-29	STIDHAM ET AL.			
Image: Control of the con	5	5939779	1999-08-17	KIM			
O	6	5942794	1999-08-24	OKUMURA ET AL.			
2	7	5951305	1999-09-14	HABA			
3	८ 8	5959356	1999-09-28	ОН			

R	EJO	کن مرتا
(W	R1220	5
V.	TENT & TY	

粒	9	5969426	1999-10-19	BABA ET AL.
	10	5973388	1999-10-26	CHEW ET AL.
	11	5977630	1999-11-02	WOODWORTH ET AL.
	12	5977615	1999-11-02	YAMAGUCHI ET AL.
	13	5977613	1999-11-02	TAKATA ET AL
	14	5976912	1999-11-02	FUKUTOMI ET AL.
	15	5981314	1999-11-09	GLENN ET AL.
	16	5986885	1999-11-16	WYLAND
	17	5986333	1999-11-16	NAKAMURA
	18	6001671	1999-12-14	FJELSTAD
	19	6013947	2000-01-11	LIM
	20	6018189	2000-01-25	MIZUNO
	21	6020625	2000-02-01	QIN ET AL.
	22	6025640	2000-02-15	YAGI ET AL.
	23	6031279	2000-02-29	LENZ
	24	6034423	2000-03-07	MOSTAFAZADEH
	25	RE36613	2000-03-14	BALL
	26	6040626	2000-03-21	CHEAH ET AL.
	27	6043430	2000-03-28	CHUN
	28	6060769	2000-05-09	WARK
	29	6060768	2000-05-09	HAYASHIDA ET AL.
	30	6072228	2000-06-06	HINKLE ET AL.
	31	6075284	2000-06-13	CHOI ET AL.
Ш	32	6081029	2000-06-27	YAMAGUCHI
	33	6084310	2000-07-04	MIZUNO ET AL.
	.34	6087722	2000-07-11	LEE ET AL.
	35	6087715	2000-07-11	SAWADA ET AL.
	36	6100594	2000-08-08	FUKUI ET AL.
	37	6113474	2000-09-05	COSTANTINI ET AL.
	38	6118184	2000-09-12	ISHIO ET AL.
	39	6118174	2000-09-12	KIM
	40	RE36907	2000-10-10	TEMPLETON, JR ET AL
	41	6130473	2000-10-10	MOSTAFAZADEH ET AL.
	42	6130115	2000-10-10	OKUMURA ET AL.
	43	6133623	2000-10-17	OTSUKI ET AL.
0	44	6140154	2000-10-31	HINKLE ET AL

Q E JOS	٠ <u>٠</u>
WENT 2 TON	45
	W 46

	45	6143981	2000-11-07	GLENN
M	46	6169329	2001-01-02	FARNWORTH ET AL
a	47	6177718	2001-01-23	KOZONO
W	48	6181002	2001-01-30	JUSO ET AL
	49	6184573	2001-02-06	PU
W	50	6184465	2001-02-06	CORISIS

Examiner Name	Date
Vikhi Trul	7/1/06



Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

SEMICONDUCTOR PACKAGE WITH CHAMFERED CORNERS AND METHOD OF MANUFACTURING THE SAME

Application Number:

10/706468

Confirmation Number:

6744

First Named Applicant:

Sung Yang

Attorney Docket Number: AMKOR095A

Art Unit:

2811

Search string:

(5221642 or 5250841 or 5252853 or 5258094 or 5266834 or 5273938 or 5278446 or 5277972 or 5279029 or 5281849 or 5294897 or 5327008 or 5332864 or 5336931 or 5335771 or 5343076 or 5358905 or 5365106 or 5381042 or 5391439 or 5406124 or 5410180 or 5414299 or 5424576 or 5428248 or 5435057 or 5444301 or 5452511 or 5454905 or 5474958 or 5484274 or 5493151 or 5508556 or 5517056 or 5521429 or 5528076 or 5534467 or 5539251 or 5543657 or 5545923 or 5544412 or 5581122 or 5592025 or 5592019 or 5594274 or 5595934 or 5604376 or 5608267

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

or 5625222 or 5633528).pn.

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
W	1	5221642	1993-06-22	BURNS			
	2	5250841	1993-10-05	SLOAN ET AL.			
	3	5252853	1993-10-12	MICHII			
	4	5258094	1993-11-02	FURUI ET AL.			
	5	5266834	1993-11-30	NISHI ET AL.			
	6	5273938	1993-12-28	LIN ET AL.			
	7	5278446	1994-01-11	NAGARAJ ET AL.			
	8	5277972	1994-01-11	SAKUMOTO ET AL.			
I							

PF	E JCX	÷
(O MAR	12 2004	SE OFFICE
PATE	AT & TRA	

	9	5279029	1994-01-18	BURNS
	10	5281849	1994-01-25	SINGH DEO ET AL.
币	11	5294897	1994-03-15	NOTANI ET AL.
而	12	5327008	1994-06-05	DJENNAS ET AL.
M	13 5332864		1994-07-26	LIANG ET AL.
T	14	5336931	1994-08-09	JUSKEY ET AL.
Ħ	15	5335771	1994-08-09	MURPHY
币	16	5343076	1994-08-30	KATAYAMA ET AL.
\prod	17	5358905	1994-10-25	CHIU
M	18	5365106	1994-11-15	WATANABE
	19	5381042	1995-01-10	LERNER ET AL.
	20	5391439	1995-02-21	TOMITA ET AL.
	21	5406124	1995-04-11	MORITA ET AL.
	22	5410180	1995-04-25	FUJII ET AL.
	23	5414299	1995-05-09	WANG ET AL.
	24	5424576	1995-06-13	DJENNAS ET AL.
	25	5428248	1995-06-27	CHA
	26	5435057	1995-07-25	BINDRA ET AL.
	27	5444301	1995-08-22	SONG ET AL.
	28	5452511	1995-09-26	CHANG
	29	5454905	1995-10-03	FOGELSON
	30	5474958	1995-12-12	DJENNAS ET AL.
	31	5484274	1996-01-16	NEU
	32	5493151	1996-02-20	ASADA ET AL.
	33	5508556	1996-04-16	LIN
	34	5517056	1996-05-14	BIGLER ET AL.
	35	5521429	1996-05-28	AONO ET AL.
	36	5528076	1996-06-18	PAVIO
\Box	37	5534467	1996-07-09	ROSTOKER
	38	5539251	1996-07-23	IVERSON ET AL.
	39	5543657	1996-08-06	DIFFENDERFER ET AL.
	40	5545923	1996-08-13	BARBER
	41	5544412	1996-08-13	ROMERO ET AL.
	42.	5581122	1996-12-03	CHAO ET AL.
Į,	43	5592025	1997-01-07	CLARK ET AL.
MC	44	5592019	1997-01-07	UEDA ET AL.



	45	5594274	1997-01-14	SUETAKI
13	46	5595934	1997-01-21	KIM
120	47	5604376	1997-02-18	HAMBURGEN ET AL.
10	48	5608267	1997-03-04	MAHULIKAR ET AL.
3	49	5625222	1997-04-29	YONEDA ET AL.
W	50	5633528	1997-05-27	ABBOTT ET AL

Examiner Name	Date		
Vilen Jainh	7606		



Electronic Version v18
Stylesheet Version v18.0

Title of Invention

SEMICONDUCTOR PACKAGE WITH CHAMFERED CORNERS AND METHOD OF MANUFACTURING THE SAME

Application Number:

10/706468

Confirmation Number:

6744

First Named Applicant: Sung Yang

Attorney Docket Number: AMKOR095A

Art Unit:

2811

Search string:

(2596993 or 3435815 or 3734660 or 3838984 or 4054238 or 4189342 or 4258381 or 4289922 or 4301464 or 4332537 or 4417266 or 4451224 or 4530152 or 4541003 or 4646710 or 4707724 or 4727633 or 4737839 or 4756080 or 4812896 or 4862245 or 4862246 or 4907067 or 4920074 or 4935803 or 4942454 or 4987475 or 5018003 or 5029386 or 5041902 or 5057900 or 5059379 or 5065223 or 5070039 or 5087961 or 5091341 or 5096852 or 5118298 or 5151039 or 5157475 or 5157480 or 5168368 or 5172213 or 5172214 or 5175060 or 5200362 or 5200809 or 5214845 or 5216278 or 5218231 or 20010008305 or 20010014538 or 20010011654 or 20020024122

or 20020027297 or 20020140061 or

20020140068 or 20020163015 or 20030030131

or 20030073265).pn.

US Patent Documents

	init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	À	1	2596993	1952-05-20	S.L. GOOKIN]		
N	20	2	3435815	1969-04-01	FORCIER			
I	辺	3	3734660	1973-05-22	DAVIES ET AL.]		
	Z	4	3838984	1974-10-01	CRANE ET AL.]		
	M	. 5	4054238	1977-10-18	LLOYD ET AL.]		
F	W]		

(PE)	L	
MAR 1 2 TO	ay.	, or
•		[

		•		
6		4189342	1980-02-19	коск -
	7	4258381	1981-03-24	INABA
	8	4289922	1981-09-15	DEVLIN
	9	4301464	1981-11-17	OTSUKI ET AL.
	10	4332537	1982-06-01	SLEPCEVIC
	11	4417266	1983-11-22	GRABBE
	12	4451224	1984-05-29	HARDING
	13	4530152	1985-07-23	ROCHE ET AL.
	14	4541003	1985-09-10	OTSUKA ET AL.
	15	4646710	1987-04-03	SCHMID ET AL.
	16	4707724	1987-11-17	SUZUKI ET AL.
	17	4727633	1988-03-01	HERRICK
	18	18 4737839 198		BURT
	19	4756080	1988-07-12	THORP, JR. ET AL.
	20	20 4812896 1989-03		ROTHGERY ET AL.
	21	4862245	1989-08-29	PASHBY ET AL.
	22	4862246	1989-08-29	MASUDA ET AL.
	23	4907067	1990-03-06	DERRYBERRY
	24	4920074	1990-04-24	SHIMIZU ET AL.
\Box	25	4935803	1990-06-19	KALFUS ET AL.
	26	4942454	1990-07-17	MORI ET AL.
	27	4987475	1991-01-22	SCHLESINGER ET AL.
	28	5018003	1991-05-21	YASUNAGA ET AL.
	29	5029386	1991-07-09	CHAO ET AL.
	30	5041902	1991-08-20	MCSHANE
	31	5057900	1991-10-15	YAMAZAKI
	32	5059379	1991-10-22	TSUTSUMI ET AL.
	33	5065223	1991-11-12	MATSUKI ET AL.
	34	5070039	1991-12-03	JOHNSON ET AL.
	. 35	5087961	1992-02-11	LONG ET AL.
	36	5091341	1992-02-25	ASADA ET AL.
	37	5096852	1992-03-17	HOBSON
	38	5118298	1992-06-02	. MURPHY
	39	5151039	1992-09-29	MURPHY
	40	5157475	1992-10-20	YAMAGUCHI
1	41	5157480	1992-10-20	MCSHANE ET AL.
	*			

	<i>\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ </i>				
	Ž	42	5168368	1992-12-01	GOW, 3RD ET AL.
1	प	43 5172213		1992-12-15	ZIMMERMAN
		44	5172214	1992-12-15	CASTO
	\mathbb{I}	45	5175060	1992-12-29	ENOMOTO ET AL.
		46	5200362	1993-04-06	LIN ET AL.
		47	5200809	1993-04-06	KWON
		48	5214845	1993-06-01	KING ET AL.
		49	5216278	1993-06-01	LIN ET AL.
		50	5218231	1993-06-08	KUDO

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
V	1	20010008305	2001-07-19	MCLELLAN ET AL.			
	2	20010014538	2001-08-16	KWAN ET AL.			
	3	20010011654	2002-01-31	KIMURA			, .
	4	20020024122	2002-02-28	JUNG ET AL.			
	5	20020027297	2002-03-07	IKENAGA ET AL.			
	6	20020140061	2002-10-03	LEE			
	7	20020140068	2002-10-03	LEE ET AL.			
	8	20020163015	2002-11-07	LEE ET AL.			
	9	20030030131	2003-02-13	LEE ET AL.			
	10	20030073265	2003-04-17	HU ET AL.			

Examiner Name	Date
Vilking	76/08

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449A/PTO **Application Number** 10/706.468 INFORMATION DISCLOSURE 11/12/2003 Filing Date STATEMENT BY APPLICANT First Named Inventor Sung Jin Yang Art Unit 2811 (use as many sheets as necessary) **Examiner Name** Unknown Attorney Docket Number Sheet of AMKOR-095A

			U.S. PATE	ENT DOCUMENTS	
Examiner Initials*	Cite No. 1	Document Number Number - Kind Code ² (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			
		UŞ-			
		US-			

			FORE	IGN PATENT D	OCUMENTS		
Examiner Initials*		Cite No.1	Foreign Patent Document Country Code 3 - Number 4 - Kind Code 6 (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6
W	너		200204397	08/02/2002	JAPAN		
V	प		0049944	06/26/2002	KOREA		
W			2001060648	03/06/2001	JAPAN		
\Box	II		556398	10/29/2000	JAPAN		
()	7		EP1032037	08/30/2000	EU PAT. OFFICE		
W	T		00150765	05/30/2000	JAPAN		
12	\prod		EP098968	03/29/2000	EU PAT. OFFICE		
V	П		9967821	12/29/1999	PCT		
(र)	7		9956316	11/04/1999	PCT		
7.2			EP0936671	08/18/1999	EU PAT. OFFICE		

Date Examiner Considered Signature

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

conformance and not considered. Include copy of this toler with Max Communication to applicants.

Applicant's unique citation designation number (optional). 2See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

MAR 1 5 2004 PROENT PROCES

PTO/SB/08A (10-01) Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Unider the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of 1

Complete if Known					
Application Number	10/706.468				
Filing Date	11/12/2003				
First Named Inventor	Sung Jin Yang				
Art Unit	2811				
Examiner Name	Unknown				
Attorney Docket Number	AMKOR-095A				

		U.S. PATE	ENT DOCUMENTS	
Examiner Initials*	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US-			

	-	FORE	IGN PATENT D	OCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code 3 - Number 4 - Kind Code 5 (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
Wit		100220154	06/18/1999	KOREA		
W.		10256240	09/25/1998	JAPAN		
S		10199934		JAPAN		
W		10163401	06/19/1998	JAPAN		Ш
ur	i	EP0844665	05/27/1998	EU PAT. OFFICE		
137		10022447	JAN-98	JAPAN		
4		9293822	11/11/1997	JAPAN		
17.7		9772358	11/07/1997	KOREA		
		EP0794572A2	10/09/1997	EU PAT. OFFICE		
14/		DE19734794A1	08/11/1997	GERMANY		

Examiner VIII Date Considered 7 (6 0-6			 		
	Signature	Why fruit	7	6	0,8

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique diation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the senal number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-01) Approved for use through 10/31/2002. OMB 0651-0031

U.S. Palent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Complete if Known

nder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

1

Sheet

Application Number	10/706.468
Filing Date	11/12/2003
First Named Inventor	Sung Jin Yang
	2811
Examiner Name	Unknown
Attorney Docket Number	AMKOR-095A

		U.S. PATE	NT DOCUMENTS	
Examiner	Cite Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No. 1 Number - Kind Code 2 (if know	I MANAGEMENT I	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
	US-			
	U\$-			
	US-			
	US-	T		
	US-			6
	US-			
	US-			
	US-			

		FORE	EIGN PATENT D	OCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code 3 - Number 4 - Kind Code 6 (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τŝ
W		992775		JAPAN		
JW		98205	01/10/1997	JAPAN		
W		98206	01/10/1997	JAPAN		
ω_{2}		98207	01/10/1997	JAPAN		
727		8306853	11/22/1996	JAPAN		\Box
W		8222682	08/30/1996	JAPAN		
12		8125066	05/17/1996	JAPAN		
W	F	8083877	03/26/1996	JAPAN		
TT.	7	864634	03/08/1996	JAPAN		\sqcup
\Box		EP0720225	03/07/1996	EU PAT. OFFICE		

Examiner Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant:

Applicant's unique diation designation number (optional).

Applicant's unique diation designation number (optional).

The optional of the serial number of the patent document at www.uspto.gov or MPEP 901.04.

The optional of the year of the reign of the Emperor must precede the serial number of the patent document.

The optional opti English language Translation is attached.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Our the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB trol number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of Sheet

Complete if Known				
Application Number	10/706.468			
	11/12/2003			
First Named Inventor	Sung Jin Yang	_		
	2811			
Examiner Name	Unknown			
Attorney Docket Number	AMKOR-095A			

	U.S. PATENT DOCUMENTS							
Examiner Cite		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant			
initials*	No. 1	Number - Kind Code ² (if known)	MM-DO-TTTT	Applicant of Cited Document	Figures Appear			
		US-						
	L	US-						
		US-						
		US-						
		US-						
		US-						
		US-						
	<u> </u>	US-						
		US-						
	ļ	US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						

	FOREIGN PATENT DOCUMENTS							
Examine Initials*	Cite No.1	Foreign Patent Document Country Code 3 -Number 4 -Kind Code 5 (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passeges or Relevant Figures Appear	Τ 6		
W	1	EP0720234	03/07/1996	EU PAT. OFFICE				
77	4 .	7312405	11/28/1995	JAPAN				
∇_{\wedge}	Ų.	7297344	11/1995	JAPAN				
V	<i>t</i>	6260532	09/16/1994	JAPAN				
27	1	6140563	05/20/1994	JAPAN				
	1	692076	04/05/1994	JAPAN				
$\int \mathcal{X} \int$	7	941979	01/03/1994	KOREA				
N.V	1	5283460	10/29/1993	JAPAN				
D,	3	5166992	07/1993	JAPAN				
0	u	5129473	05/25/1993	JAPAN		Ш		

Examiner Signature Ukh The Cons	 6	86

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicants unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁸ Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE U.S. DEPARTMENT OF U.S. DEPARTMENT U.S. DEPAR

Substitute for form 1449A/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

- 1 of

Complete if Known				
Application Number	10/706.468			
Filing Date	11/12/2003			
First Named Inventor	Sung Jin Yang			
	2811			
Examiner Name	Unknown			
Attorney Docket Number	ANAKOR COEA			

		U.S. PATI	ENT DOCUMENTS	
Examiner Initials*	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US-			
	 US-			
	US-			
Ü	UŞ-			
	US-			
	UŞ-			
	US-			
	US-		•	

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code 3 -Number 4 - Kind Code 5 (Winnown)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁰			
(4)		4098864	09-1992	JAPAN					
150		EP0459493	12/04/1991	EU PAT. OFFICE					
27	-	3177060	08/01/1991	JAPAN					
127		EP0393997	10/24/1990	EU PAT. OFFICE					
J.15	k	1251747	10/06/1989	JAPAN					
Ŏ		1205544	08/1989	JAPAN					
1. XC		1175250	07/11/1989	JAPAN					
427		1106456	04/24/1989	JAPAN					
721)	64054749	03/02/1989	JAPAN		\Box			
TW T		63316470	12/23/1988	JAPAN					

Examiner Signature	Vihly-	Junh	Date Considered	7/6	06	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicants unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (MPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+

THE TRADEM

PTC/SB/08A (10-01)
Approved for use through 10/31/2002, OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB ntrol number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of Sheet

		_				
Complete if Known						
Application Number	10/706.468					
Filing Date	11/12/2003					
First Named Inventor	Sung Jin Yang					
Art Unit	2811					
Examiner Name	Unknown					
Attorney Docket Number	AMKOR-095A					

		U.S. PATE	ENT DOCUMENTS	
Examiner Initials*	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US-			
	 US-			
	US-		Lancas	
	US-			
	US-			

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*		Foreign Patent Document Country Code 3 - Number 4 - Kind Code 5 (Il known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶			
WZ		63249345	10/17/1988	JAPAN					
T	,	63233555	09/29/1988	JAPAN					
W		63205935	08/25/1988	JAPAN					
101		63067762	03/26/1988	JAPAN					
CAT I		629639	01/17/1987	JAPAN		Ш			
W.		6139555	02/25/1986	JAPAN					
127		60231349	11/16/1985	JAPAN					
, मा		60195957	10/04/1985	JAPAN					
737		60116239	08/06/1985	JAPAN					
700		60010756	01/19/1985	JAPAN					

Examiner Signature	Villin	rul	Date Considered	7/6	06
`					

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicants unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

MAR 1 5 2004 A PAOEM

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0551-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
URBUT the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

control number.

Sheet

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

Complete if Known				
Application Number	10/706.468			
	11/12/2003			
First Named Inventor	Sung Jin Yang			
Art Unit	2811			
Examiner Name	Unknown			
Attorney Docket Number	AMKOR-095A			

	U.S. PATENT DOCUMENTS					
Examiner Initials*		Document Number Number - Kind Code 2 (if knawn,	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-	-		·	
		US-				
		US-				
	П	US-				
	1	US				

		FORE	IGN PATENT D	OCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code 3 - Number 4 - Kind Code 5 (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	1e
W		59227143	12/20/1984	JAPAN		
WV		59208756		JAPAN		
C) A		EP5950939	03/19/1984	EU PAT. OFFICE		
546		58160095		JAPAN		
ليكلا		5745959		JAPAN		Ш
る子		55163868		JAPAN		\square
\mathcal{Q}		EP5421117	06/08/1979_	EU PAT. OFFICE		Ш
				· · · · ·		Щ
`.						\vdash

Examiner Signature	Vihni-	Timb	Date Considered	7	6	06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement This form is settimated to take 2.0 hours to complete. Time will want depending upon the needs of the individual case.

PTC/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0851-0031
rademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO				Complete if Known		
MAR 2 1 2005	H M			Application Number	10/706,468	
				Filing Date	11/12/2003	
STATEMENT BY APPLICANT			CANT	First Named Inventor	Sung Jin Yang	
& TRACE	STATEMENT BY APPLICANT			Art Unit	2811	
	(Use as many shee			Examiner Name	Unknown	
Sheet	1	of	1	Attorney Docket Number	AMKOR-095A	

Examiner	Cite	Document Number	U. S. PATENT I Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	Cite No.1	Number-Kind Code ^{2 (If known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		US-			
	1	US-			
	 -	US-			
*********		US-			
	_	US-			
		US-			
		US-	·····		
		US-			
		US-			
,	 	US-			
		US-			

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ "Number ⁴ Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶	
W	_	KR199410938	05/19/1994	KOREA			
W	/	KR199552621	12/29/1995	KOREA		-	

	The state of the s	
Examiner Signature	Vith Took	Date Considered 7/4/05

*EXAMINER: Initial if reference considered, Whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gray or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the Inis collection or information is required by 37 CPR 1.97 and 1.90. The information is required to botain or retain a benefit by the public which is to life (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandría, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandría, VA 22313-1450.